

Docket Number: 56029-7996

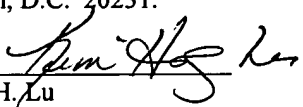
CERTIFICATE OF MAILING

PATENT

1646

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service on July 1, 2002 in an envelope as 'Express Mail Post Office To Addressee'.
Mailing Label Number EL474179015US addressed to: BOX NON FEE AMENDMENT, Assistant Commissioner for Patents, Washington, D.C. 20231.


Kimberly H. Lu
Reg. No. P51,973

In re Application of: Milbrandt et al.
Serial No.: 09/220,920
Filed: December 24, 1998
For: Artemin, A Neurotrophic Factor

Examiner: Joseph F. Murphy, Ph.D.

Group Art Unit 1646

Box Non Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT TRANSMITTAL LETTER

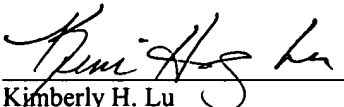
Transmitted herewith is an amendment in the above-identified application.

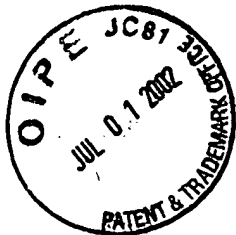
X Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.

| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDED FEE |
|----------------------------------|---|---------------------------------------|------------------|---------|--------------|
| TOTAL | 16 | 20 | 0 | \$9.00 | \$.00 |
| INDEP. | 4 | 4 | 0 | \$40.00 | \$.00 |
| TOTAL FEES FOR ADDITIONAL CLAIMS | | | | | \$.00 |

 A petition for a month extension of time is enclosed.
X If an extension or an additional extension of time is required, but is not enclosed, please consider this a conditional petition therefor and charge Deposit Account 20-0823 accordingly.
 A check in the amount of is attached.
X No additional fee is required.
X Please charge any deficiencies or credit any overpayment to Deposit Account 20-0823. A duplicate copy of this sheet is attached.

Respectfully submitted,

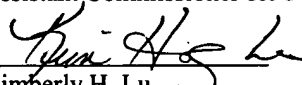

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner of Patents and Trademarks
Washington, DC 20231

AMENDMENT AND RESPONSE

HONORABLE SIR:

Applicants submit this paper in response to the Office Action, paper no. 22, mailed on April 8, 2002. Applicants respectfully request that the Examiner reconsider and withdraw his rejections and respectfully request that an allowance of the application be granted.

IN THE CLAIMS

12. (Five times amended) An isolated polynucleotide encoding a pan-growth factor which polynucleotide comprises a nucleotide sequence encoding a naturally occurring artemin amino acid sequence or a fragment thereof that is biologically equivalent to artemin, wherein said fragment has at least 8 contiguous amino acids, wherein said nucleotide sequence comprises not more than 10,000